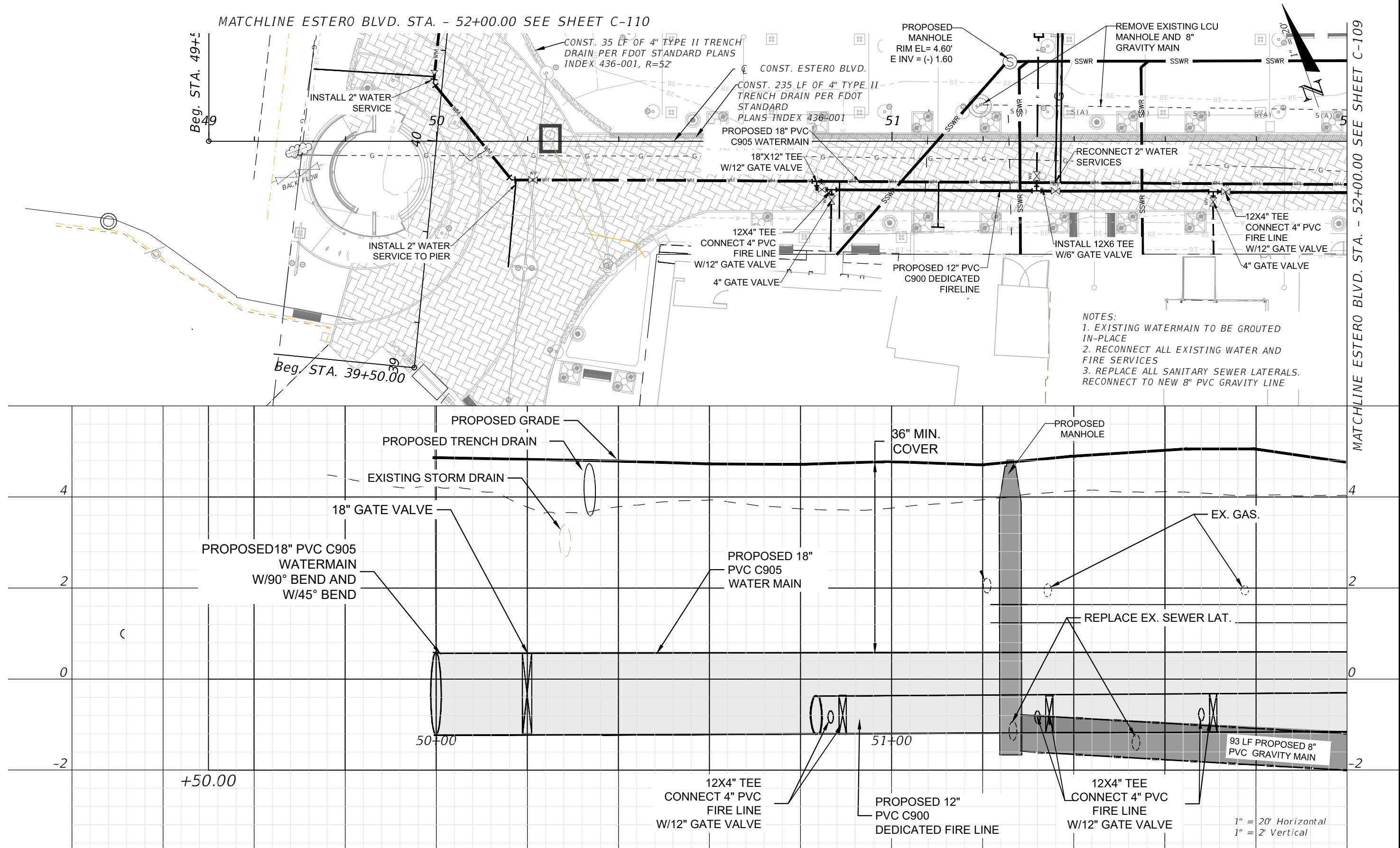


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NO.	DATE	REVISIONS	BY	DESIGNED BY	MT

OWNER / DEVELOPER:

TOWN OF FORT MYERS BEACH
2525 ESTERO BOULEVARD
FORT MYERS BEACH, FL 33931



DRMP
ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS

1404 Dean Street Suite 101 - Fort, Myers, Florida 33901
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SITE IMPROVEMENT PLANS FOR

TIMES SQUARE

FORT MYERS BEACH, FLORIDA

ESTERO BLVD
PLAN AND PROFILE
STA: 50+00 - STA: 52+00

PROJECT NO.:
19-0277.003

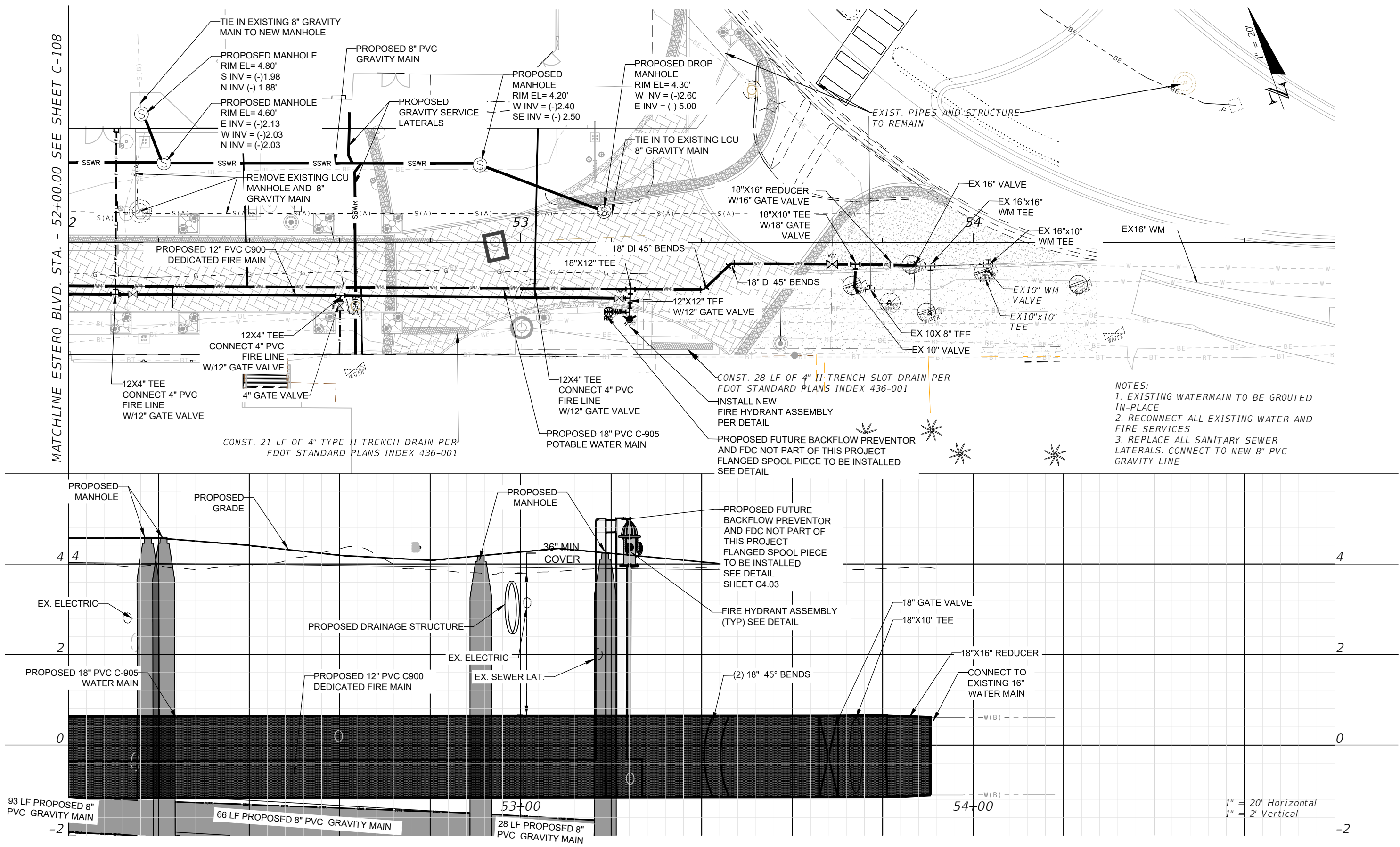
DATE:
MAY 2021

SCALE:
1:20

SHEET:
C-111

Patrick J. Day, PE
Florida P.E. No. 56709

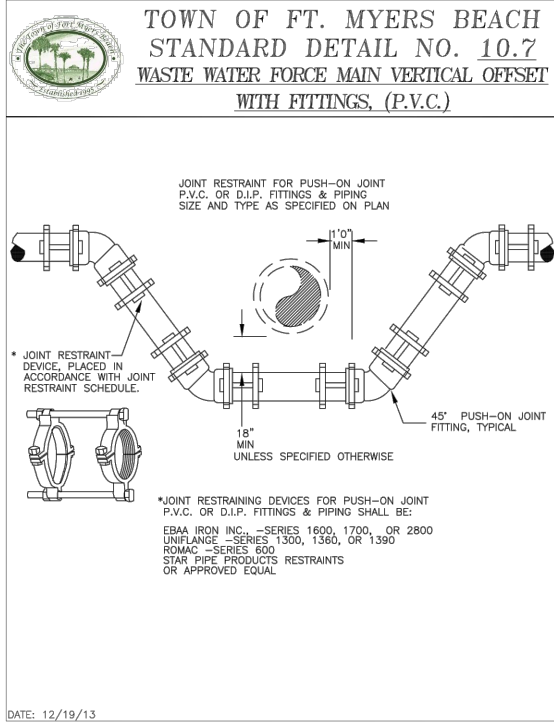
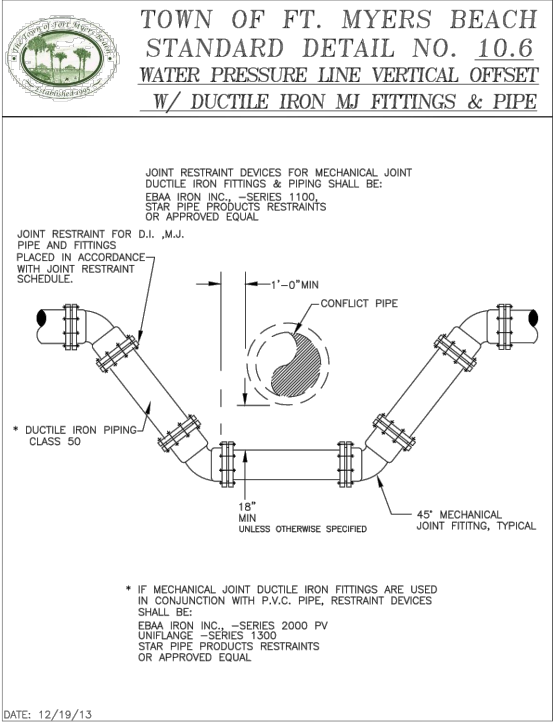
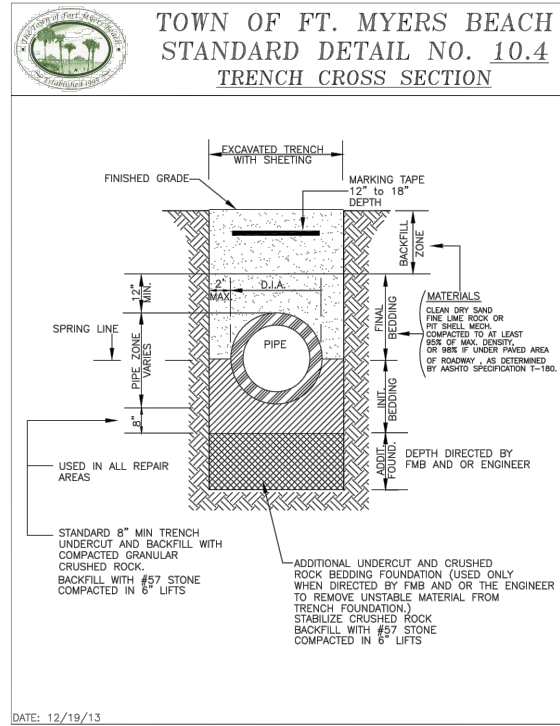
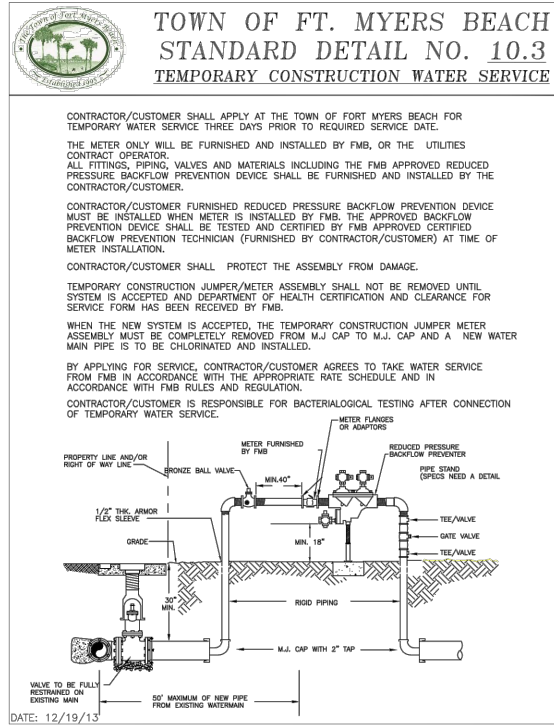
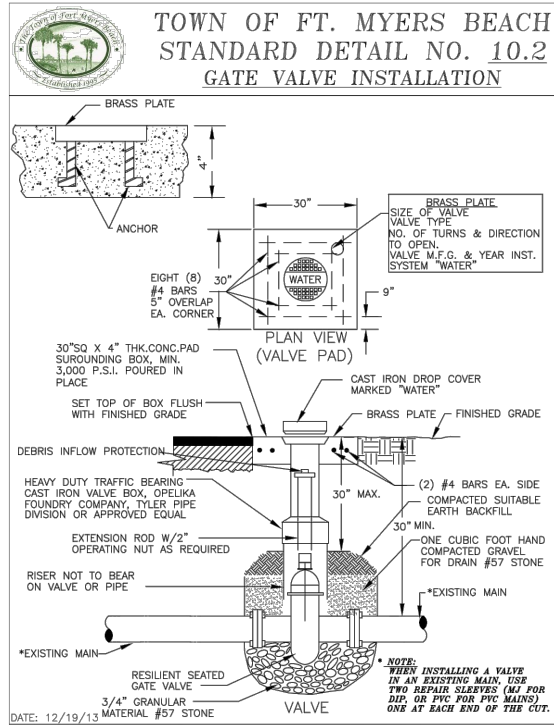
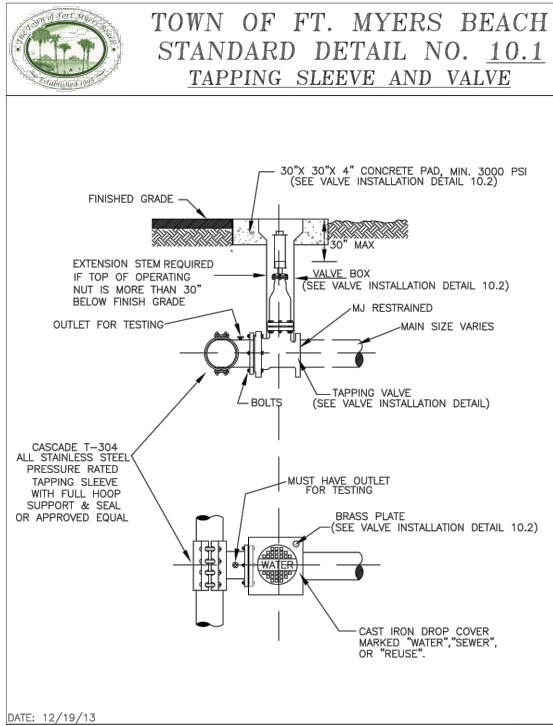
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- NOTES:
- 1. EXISTING WATERMAIN TO BE GROUTED IN-PLACE
 - 2. RECONNECT ALL EXISTING WATER AND FIRE SERVICES
 - 3. REPLACE ALL SANITARY SEWER LATERALS. CONNECT TO NEW 8" PVC GRAVITY LINE

NO.			DATE		REVISIONS		BY		DESIGNED BY		MT		OWNER / DEVELOPER: TOWN OF FORT MYERS BEACH 2525 ESTERO BOULEVARD FORT MYERS BEACH, FL 33931		 ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS 1404 Dean Street Suite 101 - Fort. Myers, Florida 33901 Phone:239.206.5093 WWW.DRMP.COM		SITE IMPROVEMENT PLANS FOR TIMES SQUARE FORT MYERS BEACH, FLORIDA		ESTERO BLVD PLAN AND PROFILE STA:52+00 - STA:54+00		PROJECT NO.: 19-0277.003 DATE: MAY 2021 SCALE: 1:20 SHEET: C-112				
									DRAWN BY		MT														
									CHECKED BY		PD														
									APPROVED BY		PB														
														DO NOT SCALE THIS DRAWING - DIMENSIONS AND NOTES TAKE PREFERENCE								Patrick J. Day, PE Florida P.E. No. 56709			

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TOWN OF FT. MYERS BEACH
STANDARD DETAIL NO. 10.8
RESTRAINED LENGTH SCHEDULE

DUCTILE IRON PIPE

PIPE SIZE (Inches)	RESTRAINED PIPE LENGTH (FEET)					
	BENDS				DEAD	TEE
	90°	45°	22 1/2°	11 1/4°	END	
4	17	7	4	2	21	0
6	23	10	5	2	32	2
8	29	12	6	3	42	6
10	35	14	7	4	53	17
12	41	17	8	4	62	26
16	51	21	11	5	81	44
24	69	29	14	7	114	75
30	81	34	17	8	140	99

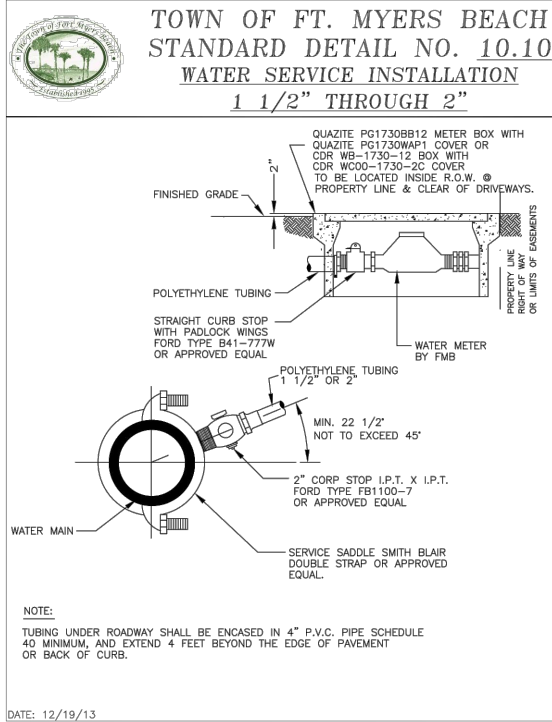
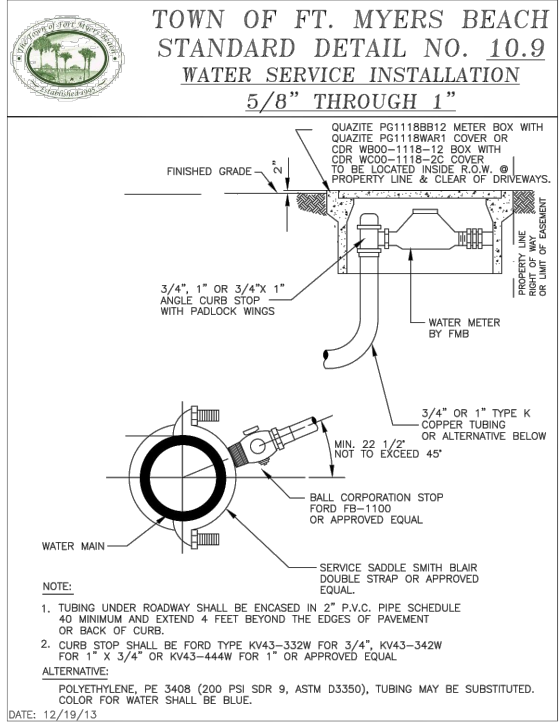
PVC PIPE

PIPE SIZE (Inches)	RESTRAINED PIPE LENGTH (FEET)					
	BENDS				DEAD	TEE
	90°	45°	22 1/2°	11 1/4°	END	
4	20	8	4	2	33	2
6	29	12	6	3	50	6
8	36	15	8	4	66	9
10	44	18	9	5	83	24
12	51	21	11	5	99	39
16	63	26	13	7	130	68
24	87	36	18	9	183	120
30	102	42	21	10	222	158

LENGTH FIGURES BASED ON FOLLOWING:

Pressure = 150 psi, FS = 1.5, trench type = 3, 30" cover
on Bare pipe, Soil type = GP & SP

DATE: 12/19/13



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												DRAWN BY		MT								DATE:												MAY 2021		
												CHECKED BY		PD								SCALE:												NOT TO SCALE		
												APPROVED BY		PB								SHEET:												C-114		
																			1404 Dean Street Suite 101 - Fort. Myers, Florida 33901 Phone:239..206.5093 WWW.DRMP.COM			DO NOT SCALE THIS DRAWING - DIMENSIONS AND NOTES TAKE PREFERENCE			Patrick J. Day, PE Florida P.E. No. 56709											

